

AMENDMENTS TO THE CLAIMS:

This listing of claims replaces all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1 to 63. (Cancelled).

64. (Previously Presented) A terminal for use with a mobile phone, comprising:

a transmitter stage;

a receiver stage;

a switch-over and adapter stage;

passive structural elements in the transmitter stage, the receiver stage, and the switch-over and adapter stage;

microswitches or microrelays associated with the passive structural elements, the microswitches or microrelays being actuated to configure the passive structural elements to produce at least one functional parameter, the at least one functional parameter comprising a frequency characteristic; and

a control unit that is programmable over a wireless interface to actuate the microswitches or microrelays and to set a value of the at least one functional parameter.

65. (Previously Presented) The terminal of claim 64, wherein the transmitter stage, the receiver stage, or the switch-over and adapter stage comprises a plurality of micromotors, the plurality of micromotors for mechanically configuring passive structural elements in response to at least one control signal from the control unit.

66. (Previously Presented) The terminal of claim 64, wherein the control unit comprises at least one on/off switch for the transmitter stage and the receiver stage, wherein a switch-off signal is transmitted to the at least one on/off switch, the switch-off signal for deactivating the transmitter stage and the receiver stage, and wherein the switch-off signal is transmitted before an actuation signal is transmitted to the microswitches or the microrelays.

67. (Previously Presented) The terminal of claim 66, wherein the control unit comprises a sensing unit connected to the at least one on/off switch, wherein a switch-on signal is transmitted to the at least one on/off switch, the switch-on signal for activating the transmitter stage and the receiver stage, and wherein the switch-on signal is transmitted after termination of a program, the program being used to determine a configuration of the microswitches or microrelays to set the at least one functional parameter.

68. (Previously Presented) The terminal of claim 64, wherein at least one of the microswitches or microrelays are integrated with passive structural elements on a substrate with a high dielectric constant.

69. (Previously Presented) The terminal of claim 65, wherein the micromotors are integrated with passive structural elements on a substrate with a high dielectric constant.

70. (Previously Presented) The terminal of claim 64, wherein the control unit comprises:  
topology memory for storing a topology of the passive structural elements, the topology corresponding to the microswitches or the microrelays;  
algorithm memory for storing code to perform a calculation, the calculation for calculating the value of the at least one functional parameter; and  
a calculation stage to:

determine a microswitch arrangement or a microrelay arrangement based on the value and the topology.

71. (Previously Presented) The terminal of claim 70, wherein the topology memory is configured to store a position and a topology that corresponds to actuator stages of a micromotor.

72. (Previously Presented) The terminal of claim 70, wherein the calculation stage is configured to calculate an actuation signal for a micromotor, the actuation signal being usable to obtain the value of the at least one functional parameter.

73. (Previously Presented) The terminal of claim 64, wherein the control unit comprises:

configuration memory for storing a plurality of switching matrices, each switching matrix being assigned a value associated with the at least one functional parameter; and

a pointer stage to associate the configuration memory with the value of the at least one functional parameter.

74. (Previously Presented) The terminal of claim 73, wherein the configuration memory is configured to store a combined switch setting and a motor actuation configuration for an arrangement of the passive structural elements.

75. (Previously Presented) A method for operating a terminal associated with a mobile phone, the method comprising:

receiving a signal to configure a transmitter stage or a receiver stage of the terminal; and  
deactivating the transmitter stage and the receiver stage before configuring a microswitch configuration, a microrelay configuration, or a micromotor associated with the transmitter stage or the receiver stage.

76. (Previously Presented) The method of claim 75, further comprising automatically reactivating the transmitter stage and the receiver stage after a termination of a program, the program being used to set a functional parameter associated with the microswitch configuration, the microrelay configuration, or the micromotor.

77. (Previously Presented) The method of claim 76, further comprising:  
determining a topology of passive structural elements in the transmitter stage or receiver stage;  
storing the program in memory, the program for calculating a value of the functional parameter; and  
determining, based on the value and the topology, a microswitch arrangement or a microrelay arrangement for the microswitch configuration or the microrelay configuration, respectively.

78. (Previously Presented) The method of claim 77, wherein the memory stores a position and a topology corresponding to actuator stages of the micromotor.

79. (Previously Presented) The method of claim 77, wherein the determining is performed by a calculation stage, the calculation stage for calculating an actuation signal for the micromotor, and the actuation signal for use in obtaining the predetermined value of the functional parameter.